

In the claims:

4. (Amended) Use of claim 1 wherein said binding domain and/or said targeting domain is endogenous to the calycin or calycin multimer.

5. (Amended) Use of claim 1 wherein said binding domain and/or said targeting domain is adapted by alteration of the endogenous binding and/or targeting domain or by substitution of the endogenous binding and/or targeting domain for a domain that has the required functionality.

6. (Amended) Use of claim 1 wherein said binding domain is adapted to bind more than one ligand.

8. (Amended) Use of claim 1 wherein the at least one calycin has the ability to bind fatty acids that coat hair cuticles and/or skin or protein moieties that comprise the cuticle and/or skin.

9. (Amended) Use of claim 1 wherein the at least one calycin is β -lactoglobulin.

10. (Amended) Use of claim 1 wherein the at least one calycin is Major Urinary Protein and/or recombinant Major Urinary Protein.

13. (Amended) A method according to claim 11 wherein the calycin comprises a molecular complex with more than one type of ligand binding domain, wherein calycin genes are fused to one another and/or appropriate linking regions are used to produce a

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multi component gene and gene product and/or interaction sites are introduced into individual monomers of the calycins such that on mixing the individual proteins, molecules assemble into multi-sub unit complexes with similar or different functionalities.

14. (Amended) A method according to claim 11 wherein said method comprises chemical methods in the crosslinking of calycin monomers to form multimeric complexes.

15. (Amended) A method of claim 13 further comprising chemical methods in the crosslinking of calycin monomers to form multimeric complexes.

16. (Amended) A method of claim 14 wherein said chemical methods include the use of a bifunctional cross-linking agent.

18. (Amended) A method of claim 11 to effect the cross-linking of β -Lactoglobulin and recombinant Major Urinary Protein.

19. (Amended) Use of hair or skin care composition at least one calycin as defined in claim 1.

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